

CLAIMS

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1/ A composite structure such as a patch, disk, or
towelette used in particular for treating, making up, or
cleaning the skin or the hair, the structure comprising
at least one adhesive matrix based on a permanent
adhesive and present between two support layers, at least
one of which is permeable to a solvent, the two support
layers being permanently bonded to the adhesive matrix,
the adhesive matrix containing at least one active agent
soluble in said solvent and possibly a filler, the nature
and the quantity of the active agent(s) and/or the filler
being selected to make it possible, when the composite
structure is wetted by the solvent, for the active
agent(s) to be released and to diffuse towards the
surface to be treated.

2/ A composite structure according to claim 1, wherein
the adhesive matrix contains one or more active agents
soluble in the solvent and/or capable of swelling on
coming into contact with said solvent, and in sufficient
quantity for the matrix to lose its cohesion on contact
with the solvent and to release the active agent(s).

3/ A composite structure according to claim 1, wherein
the adhesive matrix contains a filler of one or more
compounds capable of swelling on contact with the
solvent, in sufficient quantity for the matrix to lose
its cohesion on contact with the solvent and to release
the active agent(s).

4/ A composite structure according to claim 1, wherein
the adhesive matrix contains a filler of one or more
substantially inert compounds in sufficient quantity for
the matrix to lose its cohesion on contact with the
solvent and to release the active agent(s).

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5/ A composite structure according to claim 1, wherein said solvent is water.

6/ A composite structure according to claim 1, wherein
5 the matrix contains at least one water-soluble active agent.

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7/ A composite structure according to claim 1, wherein the matrix includes one or more moisture-absorbing compounds.

8/ A composite structure according to claim 1, wherein the adhesive matrix contains 0.2% to 60% by weight of a moisture-absorbing compound, and preferably 0.5% to 40%.

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9/ A composite structure according to claim 1, wherein the adhesive matrix includes at least one moisture-absorbing compound selected from the following list:
polyacrylates; silicas; cotton fibers; starches;
20 alginates; calcium carbonates; magnesium; viscose; cellulose; and freeze-dried substances.

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10/ A composite structure according to claim 1, wherein the adhesive matrix has one or more substantially inert substances such as microbeads or a powder of an inert compound, in particular the polyamide powder known under the name ORGASOL.

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11/ A composite structure according to claim 1, wherein the active agent(s) is/are selected from the following list: vitamin C; vitamin A; vitamin F; glycerin; laponite; wetting agents; collagen; salicylic acid; tio acid; caffeine; aromatic essential oils; coloring agents; anti-oxidants; free radical scavengers; moisturizers;
35 depigmenting agents; liporegulators; anti-acne agents; antidandruff agents; anti-aging agents; softeners; antiwrinkle agents; keratolytic agents; anti-inflammatory

agents; fresheners; healing agents; vascular protectors; antibacterial agents; antifungal agents; antiperspirants; deodorants; skin conditioners; anesthetics; immunomodulators; and nourishing agents.

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12/ A composite structure according to claim 1, wherein the adhesive matrix includes magnetizable particles.

13/ A composite structure according to claim 12,
10 including at least two layers of magnetizable particles capable of generating respective magnetic fields of different polarities.

Magnetic

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15 14/ A composite structure according to claim 1, wherein the adhesive matrix is based on a permanent adhesive selected from the following list: adhesive based on vinyl; on PVA or PVP; on pseudo-latex; on acrylic polymers; on polyurethanes; and on latex elastomers.

20 15/ A composite structure according to claim 1, including a support layer constituted by a non-woven cloth.

25 16/ A composite structure according to claim 1, having two outer support layers that are permeable to the solvent.

30 17/ A composite structure according to claim 16, wherein said support layers have different roughnesses, porosities, or thicknesses so as to enable two different types of application to be performed depending on which face is selected by the user.

35 18/ A composite structure according to claim 1, including an impermeable support layer.

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26/ A composite structure according to claim 25, further including a second adhesive matrix comprising two juxtaposed regions containing different active agents, optionally constituted by active agents other than those of the first adhesive matrix.

27/ A method of manufacturing a composite structure such as a patch, a disk, or a towelette for cleaning or treatment purposes, the method comprising the following steps:

· coating an adhesive matrix based on a permanent adhesive onto a support layer, said adhesive matrix containing at least one active agent and optionally a filler, the nature and the quantity of the active agent(s) and/or of the filler being selected to enable the active agent(s) to be released when the composite structure is wetted by a solvent; and

· assembling together the support layer coated in this way in the adhesive matrix with a second support layer such that the adhesive matrix is sandwiched between the two support layers which are permanently bonded together by the matrix.

28/ A method according to claim 27, wherein the second support layer is coated on one face in a second adhesive matrix.

29/ A method according to claim 28, wherein the two adhesive matrices are stuck together.

30/ A method according to claim 27, wherein a large quantity of support layers coated in adhesive matrices containing predetermined active agents are manufactured separately, and wherein the various support layers coated in this way are assembled together to make up a range of

31/ The use of a composite structure a
1 as a patch applied to the skin for a
length of time.

32/ The use of a composite structure a
1, for cleaning the skin.

33/ The use of a composite structure a
1, for treating the hair.

34/ The use of a composite structure a
1, the adhesive matrix being used as a
reservoir and the composite structure
several times over.

32/ The use of a composite structure as defined in claim 1, for cleaning the skin.

34/ The use of a composite structure as defined in claim
15 1, the adhesive matrix being used as an active agent
reservoir and the composite structure being wetted
several times over.

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